



National Weather Service

Storm Data and Unusual Weather Phenomena



July 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

IOWA, Northeast

Fayette County									
Arlington	05	1610CST 1612CST			0	0			Funnel Cloud
Clayton County									
1 W Strawberry Pt	05	1640CST 1643CST			0	0			Funnel Cloud
Howard County									
2 NW Protivin to 3 NW Protivin	05	1640CST 1645CST	0.2	20	0	0	15K		Tornado (F0)
Fayette County									
1 N Arlington to 2 N Arlington	05	1735CST 1740CST	0.2	20	0	0		3.5K	Tornado (F0)

A couple of tornadoes touched down briefly, one of which hit a barn that housed turkeys near Protivin (Howard County). The other tornado touched down in a corn field just north of Arlington (Fayette County).

Fayette County									
Countywide	05	1710CST 1930CST			0	0	30K	25K	Flash Flood
Floyd County									
Countywide	05	1900CST 2045CST			0	0	15K	20K	Flash Flood
Mitchell County									
Countywide	05	1945CST 2050CST			0	0	15K	15K	Flash Flood
Chickasaw County									
Countywide	05	2045CST 2300CST			0	0	8K	10K	Flash Flood

Thunderstorms produced rainfall amounts of 4 to 6 inches in two hours, which led to flash flooding. According to law enforcement officials, numerous roads were covered with water 6 to 12 inches deep. Especially hard hit were the Wadena and Arlington areas (Fayette County), where several road washouts were reported, along with damage to a few bridges. In addition, crops that had been replanted as a result of significant flooding in May were damaged by flood waters once again.

Clayton County									
Gunder	16	1202CST			0	0	0.50K		Thunderstorm Wind (EG50)
The public reported trees knocked down as a result of winds estimated at 55 to 60 mph.									
Winneshiek County									
3 SW Hesper	19	1408CST			0	0			Hail(0.75)
Winneshiek County									
3 E Burr Oak	19	1409CST			0	0		6K	Hail(1.75)
Winneshiek County									
3 N Decorah	19	1429CST			0	0	1.5K	7.5K	Hail(1.00)
Winneshiek County									
Decorah	19	1432CST			0	0	8K		Hail(1.75)
Winneshiek County									
2 N Decorah	19	1434CST			0	0	2K	10K	Hail(1.00)
Winneshiek County									
Decorah	19	1435CST			0	0	5K		Hail(1.75)
Winneshiek County									
Calmar	19	1505CST			0	0	1.5K	5K	Hail(1.00)

Hail the size of half dollars and golf balls was reported by the public, law enforcement officials, spotters and amateur radio operators.



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MINNESOTA, Southeast

Houston County									
2 N Brownsville	19	1239CST			0	0		8K	Hail(1.25)
Houston County									
Brownsville	19	1240CST			0	0	10K		Hail(1.25)
Houston County									
Brownsville	19	1302CST			0	0	75K	10K	Hail(1.75)

Hail the size of half dollars and golf balls damaged siding, cars and stripped the leaves off corn fields.

WISCONSIN, Southwest

Trempealeau County									
4 E Strum	19	1045CST			0	0			Hail(0.75)
Trempealeau County									
3 NE Whitehall	19	1110CST			0	0		3.5K	Hail(1.00)
Trempealeau County									
3 E Whitehall	19	1115CST			0	0	1.5K		Hail(0.88)
Trempealeau County									
Whitehall	19	1115CST			0	0	2.5K	5K	Thunderstorm Wind (EG65)
Trempealeau County									
15 SE Ettrick	19	1150CST			0	0			Hail(0.75)
Trempealeau County									
7 E Galesville	19	1150CST			0	0	3K	5K	Hail(1.00)
Trempealeau County									
6 E Galesville	19	1150CST			0	0	3.5K	4K	Thunderstorm Wind (EG65)
La Crosse County									
La Crosse	19	1215CST 1230CST			0	0	12.5K		Thunderstorm Wind (EG65)
La Crosse County									
Onalaska	19	1215CST			0	0			Hail(0.75)
La Crosse County									
La Crosse	19	1216CST			0	0	8K		Hail(1.00)
La Crosse County									
La Crosse	19	1218CST			0	0			Hail(0.75)
La Crosse County									
La Crosse	19	1220CST			0	0	25K		Hail(1.25)
La Crosse County									
Onalaska	19	1220CST			0	0			Hail(0.75)
La Crosse County									
La Crosse	19	1221CST			0	0	350K		Hail(2.50)
La Crosse County									
La Crosse	19	1221CST			0	0	320K		Hail(2.25)
La Crosse County									
4 E La Crosse	19	1225CST			0	0	1.5K	5K	Hail(2.00)
La Crosse County									
La Crosse	19	1230CST			0	0			Hail(0.75)
La Crosse County									
La Crosse	19	1234CST			0	0	1.3K		Hail(0.88)



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WISCONSIN, Southwest

Vernon County
3 NE Stoddard

19 1241CST 0 0 Hail(0.75)

Vernon County
Stoddard

19 1244CST 0 0 Hail(0.75)

A severe thunderstorm produced large hail and downburst winds for nearly 60 miles as it moved southward across west central Wisconsin. Numerous mobile homes were damaged near Whitehall (Trempealeau County). Hardest hit was the city of La Crosse (La Crosse County) where hail up to 2.5 inches in diameter damaged hundreds of vehicles. Windshields were smashed in cars along Highway 16. Hail up to 2 inches in diameter fell at the La Crosse National Weather Service office. Winds estimated at 75 mph blew the roof off a bowling alley and damaged several rooms in a downtown hotel. The winds also knocked down several large trees in the city, some of which smashed vehicles.